Infrastructure, buildings, environment, communications

ATTN: Mr. John Geroch
California Regional Water Quality Control Board
Los Angeles Region (RWQCB)
320 West 4th Street, Suite 200

Los Angeles, California 90013

Subject:

C6 Water Injection Test Data

Project Site: Former Boeing C-6 Facility, Los Angeles, California

File No. 95-036, SLIC 0410

Dear Mr. Geroch:

The purpose of this letter is to summarize the series of water injection tests that were performed by ARCADIS at the former Boeing – C6 facility located at 19400 Harborgate Way, in Los Angeles, California between June 14 and July 12, 2004. The work plan for this test was approved by you in a letter entitled *Test of Groundwater Remediation System*, Former C6 Facility, Boeing Realty Corporation. A summary of these tests is provided below.

The injection tests consisted of injecting the full design volume of potable water into each of the amendment points, while recording pressure and flow rate data on field sheets. An observer was stationed inside the warehouse building at all times to monitor the area for potential surface water seepage. The objective of the test was to determine if any of the amendment points continue to seep water to the surface, and to evaluate pressures and flow rates required to successfully inject carbohydrate solution into the subsurface to develop a revised Bioremediation Injection Implementation Plan.

The attached Table (Table 1—Injection Summary) provides a summary of the water injection test data. Amendment points that are highlighted in red have been removed from the injection program, and will no longer be injected into during future injection events. These amendment points were removed from the injection program because they either seeped water to the surface or were low flow rate points that required manifold pressures over 10 pounds per square inch (psig) during the water injection test. Amendment points that are highlighted in yellow will remain in the injection program, but will require injection pressures up to a maximum manifold pressure of 10 psig. The remaining amendment points siphoned during the water injection test, and will likely not require application of manifold pressure during future injection events.



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Date: September 14, 2004

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Part of a bigger picture

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The following information provides an analysis of the water test data and a summary of the field data and piezometer data.

Vault 1

During the water injection test, IRZB-5 seeped to the surface after approximately 400 gallons of injected water. The manifold gauge pressure was 15 psig at a flow rate of 3.6 gallons per minute (gpm) at the time water was discovered seeping to the surface. This amendment point will be taken out of service and will not be used in the IRZ injection program.

In addition, amendment points IRZB-1 and IRZB-27A exhibited low flow rates at elevated injection pressures. IRZB-1 required a manifold pressure of 19 psig to achieve a flow rate of approximately 1.6 gpm. IRZB-27A required a manifold pressure of 20.5 psig to achieve a flow rate of 0.4 gpm. These two amendment points will be taken out of service due to the low flow rate and elevated injection pressures that are required.

Two amendment points, IRZB-2 and IRZB-20, did not siphon during the water injection test and required a manifold pressure of approximately 15 psig to achieve an average injection flow rate of approximately 3.5 gpm. These amendment points will be injected with a maximum manifold pressure of 10 psig in future injection events. Since this manifold pressure is lower than the manifold pressure used during the water test, the flow rates for these amendment points will be less than those recorded during the water test. This reduced flow rate (expected to be approximately 2 to 3 gpm during future injection events) is still within an acceptable range to economically complete the injected volume, however, if the flow rate is too low, these points may be removed from service in the future.

Nine amendment points (IRZB-18, 21, 23A, 28, 32, 33A, 35, 37A, and 37B) will require a minimal manifold injection pressure (less than 5 psig) to successfully inject the design volume of solution. These amendment points exhibited minimal or no siphoning during the water injection tests. A maximum manifold pressure of approximately 5 psig will be required to successfully inject the design volume in an economical time frame.

The remaining 37 amendment points in Vault 1 siphoned during the water injection test. These amendment points will be injected at a wellhead pressure of 0 psig or less during future injection events.

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Vault 2

During the water injection test, IRZB-49A seeped water to the surface after approximately 465 gallons of injection. The injection pressure was 8 psig at a flow rate of approximately 2.4 gpm at the time water seepage at the surface was observed. This amendment point will not be used in the IRZ injection program.

One amendment point, IRZB-47A, required an injection pressure of 17.5 psig to maintain an injection flow rate of approximately 1.3 gpm. Although the full design volume was injected into this point, this constitutes a low flow rate and high pressure condition, and therefore this amendment point will not be included in future injection events.

Three amendment points (IRZB-50A, 51A, and 54A) required moderate pressure (12.5 to 15 psig at the manifold, and flow rates of 1.5 to 2.0 gpm) to inject the 480 gallon design volume during the water injection test. Each of these amendment points pulled a vacuum after the injection was stopped, which is an indication that the injected fluid is reaching the subsurface. These amendment points will receive a maximum manifold pressure of 10 psig for future injection events. A flow rate of approximately 1.5 to 2.0 gpm is expected at this injection pressure, which corresponds to a frictional loss of approximately 1 to 2 psig.

The remaining 24 amendment points in Vault 2 exhibited a siphoning condition during the water injection test. These amendment points will be injected at a wellhead pressure of 0 psig or less during future injection events.

Vault 3

No amendment points seeped to the surface during the water injection tests in Vault 3.

Two amendment points, IRZB-64 and 74, required pressure to complete the 1,200 gallon design volume of fluid during the water injection test. At an applied manifold pressure of 1.5 psig and flow rate of approximately 2.1 gpm, the injection time for IRZB-64 was approximately 8.5 hours. The friction loss for this flow rate is approximately 4.5 psig; therefore, the manifold pressure could be increased to 5 psig during future injection events. Similarly, IRZB-74 was tested at 10 psig and a flow rate of approximately 3.6 gpm. The friction loss for this flow rate is approximately 11 psig, so a manifold pressure of 10 psig can be applied in future injection events. This ensures that the wellhead pressure will be zero psig or less.

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The remaining 36 amendment points in Vault 3 exhibited siphoning during the water injection test. These amendment points will be injected at a wellhead pressure of 0 psig or less during future injection events.

Vault 4

There were no amendment points in Vault 4 that seeped to the surface during the initial IRZ injection event or during the water test.

IRZC-2 required an applied manifold pressure of 21 psig to maintain an average flow rate of 1.3 gpm during the initial IRZ injection event. This point will be removed from service due to the elevated manifold pressure and low flow rate.

There are nine amendment points (IRZC-1, 4, 5, 6, 7, 8, 9, 10, and 19) that required an applied wellhead pressure of 6 psig or less (manifold pressures of 12 to 18 psig) to flow at flow rates of 3.5 to 4 gpm; these amendment points may siphon at a reduced flow rate during future injection events, and will be injected at manifold pressures of 5 psig or less. Friction losses for the injection flow rates will ensure that there will be zero psig or less at the wellhead.

The remaining 10 amendment points siphoned during the molasses injection event, and will not likely require application of wellhead pressure during future injection events once the initial siphon is established. These amendment points will be injected at a wellhead pressure of 0 psig or less during future injection events.

Vault 5

Although testing Vault 5 was not discussed in the water test work plan submitted to the RWQCB, amendment points in this vault were tested because they had not been injection into following construction.

No amendment points exhibited seepage to the surface during the water injection tests in Vault 5.

There are four amendment points, AW0139, AW0141, AW0143, and AW0156, that required a moderate manifold pressure to inject the design volume during the water injection test. These amendment points will require a moderate wellhead pressure of less than 2 psig during future injection events.

The remaining 27 amendment points siphoned during the water injection event, and will not likely require application of wellhead pressure during future injection events once the initial siphon is established. These amendment points will be injected at a wellhead pressure of 0 psig or less during future injection events.

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Conclusion

The water injection test was successful in providing valuable data for future injection events at the former Boeing – C6 facility. Every one of the amendment points were tested during the water injection test (June/July 2004) or the successful IRZ injection event (February 2004). Of the 138 amendment points in Vaults 1 through 4, six points will be removed from future injection events due to low flow rates, elevated injection pressures, or confirmed surface seepage. It should be noted that if during future injection events an amendment point requires injection pressures greater than 10 psig or the injection flow rate is excessively slow, that point may be removed from the IRZ injection program in the future. Twenty-five (25) amendment points will require moderate injection pressures of 10 psig or less to successfully inject the design volume. The remaining 107 amendment points were found to siphon during the injection events, and will not likely require application of a wellhead pressure greater than 0 psig to successfully inject the design volume.

No amendment points in Vault 5 will be removed from future injection events. Four points will require a minimal wellhead pressure to inject the design volume. The remaining 27 amendment points siphoned during the injection tests, and will not likely require application of wellhead pressure greater than 0 psig during future injection events.

Piezometer data from pressure transducers installed in the adjacent monitoring wells indicate that the injected fluid creates a 1 to 1.5 foot rise in water levels. The effect in the monitoring wells is detected within five minutes of starting injection into the amendment points. In addition to the piezometer data, pressure/vacuum data was collected in the amendment points adjacent to the amendment point being actively injected. No substantial pressure increase or decrease was detected in the surrounding amendment points in any of the data collected.

Sincerely,

ARCADIS G&M, Inc.

Trent Henderson, P.E.

Site Evaluation & Remediation Department Manager

Copies:

Robert Scott - Boeing

Alistaire Callender - ARCADIS

Project File

Tables

Table 1
Injection Summary
Boeing Realty Corporation
Building 2 Area - Former C6 Facility, Los Angeles, California

Amendment Point ID	Date	Injection/Test Event	Well Siphoned?	Wellhead Pressure/Vacuum (psig / " Hg)	Manifold Pressure/Vacuum (psig / " Hg)	Average Flowrate (gpm)	Injected Volume (gal)	Amendment Point Installation Method	Comments
072 0					VAULT 1 (51 '	Wells)		Method	
RZ B 1	5/23/03	Flow Test		8.0		- 8	30		
	2/23/04	Initial Molasses Injection	No	45	46	1.0	157	СРТ	
	3/1/04	Water Flush	No		10/12/13	0.6/1.9/0.4	22	Parameter 1	3.27 gals injected on 3/2/04
IRZ B 2	6/15/04	Water Test	No		19.0	1.66	1,201	40.00	Jana Mjeeted (ii 3/2/04
IKZ B Z	5/23/03	Flow Test		5.0		7.5	30		
	2/23/04	Initial Molasses Injection	No	45	46	3.7	584	CPT	
	3/1/04	Water Flush	No		13	2.8	25		Stopped and started many times to reach 25 gals.
D7 D 3	6/16/04	Water Test	Yes		15.0	2.51	1,205	Translation of the	Well siphoned to 20" Hg vacuum at shutdown.
RZ B 3	5/23/03	Flow Test		<2.0		12	30		men significate 20 Tig vacuum at shuidown.
-	2/23/04	Initial Molasses Injection	Yes	.9	44	8.4	1,200	CPT	
	3/1/04	Water Flush	Yes		10/6	4.6/5.6	25		
RZ B 4	6/21/04	Water Test	Yes		6" Hg	3.72	1,203		Well siphons to 28" Hg vacuum at shutdown.
KZ B 4	5/23/03	Flow Test		5.0		7.5	30		rectr siphens to 28 Fig vacuum at snutdown.
. (1) (1) (1) (1) (1) (1) (1) (1)	2/23/04	Initial Molasses Injection	Yes	22	44	5.4	849	CPT	
	3/1/04	Water Flush	Yes		13/8	3.0/5.4	25	***	
RZ B 5	6/21/04	Water Test	Yes		0.0	4.79	1,202		Well siphons to 28" Hg vacuum at shutdown.
KL D J	5/23/03	Flow Test		9.0		5	30	200	of the signification of the significant of the sign
	2/23/04	Initial Molasses Injection	No	16	45	6.6	1,022	CPT	
	3/1/04 6/14/04	Water Flush	No		13	0.4	4		Observed flowrate was very slow.
RZ B 6	- Company of the Comp	Water Test			15.0	3.62	399		Water test stopped due to surface leak (approx. 2 gallons),
K B O	5/27/03	Flow Test		<2.0		12	30		and the stropped due to surface leak (approx. 2 gations),
_	2/23/04 3/1/04	Initial Molasses Injection	Yes	-35	40	11.4	1,200	HSA	
		Water Flush	Yes		12	7.6	25		Observed flowrate was very fast.
RZ B 7	6/21/04 5/27/03	Water Test	Yes		2" Hg	5.28	1,203		Well siphons to 26" Hg vacuum at shutdown.
VZ B / _	2/23/04	Flow Test		<2.0		12	30		The state of the s
	3/1/04	Initial Molasses Injection	Yes	-17	41	10.4	1,200	HSA	
-	6/21/04	Water Flush	Yes		13	4.0/8.6	25		
RZ B 8	5/23/03	Water Test Flow Test	Yes		2.5" Hg	3.00	1,201		Well siphons to 26" Hg vacuum at shutdown.
~ · · -	2/23/04	20 CO		<2.0		13	31		S S S S S S S S -
-	3/1/04	Initial Molasses Injection Water Flush	No	- 4	43	6.9	1,083	CPT	
H	6/15/04	Water Test	No		13	NA	1		Flow stopped.
Z B 9	5/23/03	Flow Test	Yes		4.0	4.96	1,200		Well siphons at <2 psi and 2.5 gpm flow rate.
- ~ ´ -	2/23/04	Initial Molasses Injection	NT.	<2.0		12	30		0
H	3/1/04	Water Flush	No No	31	44	4.0	625	CPT	
F	6/14/04	Water Test	No		13	NA	3		Flow stopped.
Z B 10	5/23/03	Flow Test	Yes		8.0	5.58	1,200		End of test, valve closed, hose siphons flat.
· · -	2/23/04	Initial Molasses Injection	27	3,0		8	30		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
F	3/2/04	Water Flush	No	22	43	5.4	835	CPT	
F	6/15/04	Water Test	No Yes		13	NA	1		Flow stopped.
	0.10101	WAILT TEST	r es		4.0	5.41	1,201		Well siphons to <2 psi and 2.5 gpm flow rate.

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Table 1
Injection Summary
Boeing Realty Corporation
Building 2 Area - Former C6 Facility, Los Angeles, California

Amendment Point ID	Date	Injection/Test Event	Well Siphoned?	Wellhead Pressure/Vacuum (psig / " Hg)	Manifold Pressure/Vacuum (psig / " Hg)	Average Flowrate (gpm)	Injected Volume (gal)	Amendment Point Installation Method	Comments
IRZ B 11	5/23/03	Flow Test		<2.0		10.5	31	Michiga	
	2/23/04	Initial Molasses Injection	Yes	-17	43	9.8	1,201	CPT	
	3/1/04	Water Flush	Yes		8/12/6	5.1/4.2/5.6	25	CPI	<u> </u>
ID 7 D 10	6/21/04	Water Test	Yes		3.5" Hg	3.43	1,202		W/ II - I
IRZ B 12	5/27/03	Flow Test		<2.0		11	30		Well siphons to 28" Hg vacuum at shutdown.
	2/23/04	Initial Molasses Injection	Yes	28	40	4.3	133	HSA	
	3/1/04	Water Flush	Yes		8/11/2	5.2/4.4/6.5	25	noA	
ID 7 7 40	6/21/04	Water Test	Yes		0.0	4.84	1,201		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
IRZ B 13	5/27/03	Flow Test		<2.0		13	30		Well siphons to 29" Hg vacuum at shutdown.
	2/23/04	Initial Molasses Injection	Yes	-i	40	8.8	274	TIC A	
	3/1/04	Water Flush	Yes		13/10	2.2/10.0	25	HSA	
1DC 72	6/21/04	Water Test	Yes		6.5" Hg	4.05	1,202		are a constant and a
IRZ B 14	5/27/03	Flow Test	100	<2.0		11	21		Well siphons to 27" Hg vacuum at shutdown.
	2/23/04	Initial Molasses Injection	Yes	8	40	8.1	250	TIOA	
	3/1/04	Water Flush	Yes		10/<2	4.5/7.1	250	HSA	20.
	6/21/04	Water Test	Yes		2" Hg	6.34	1,205		
RZ B 15	5/23/03	Flow Test		<2.0	- 115	12	30		Well siphons to 28" Hg vacuum at shutdown.
	2/23/04	Initial Molasses Injection	Yes	9	14	2.4	129	CDM	
	3/1/04	Water Flush	Yes		13/5	2.2/5.2	25	CPT	
	7/9/04	Water Test	Yes		0.0	4.8			
RZ B 16	5/23/03	Flow Test		8.0	0.0	6	1,200 15		Well siphons to 28" Hg vacuum at shutdown.
	2/23/04	Initial Molasses Injection	Minimal	11	15	2.2	122		Well was retested 5/30/03.
	3/1/04	Water Flush	Minimal			2.7/0.7/3.2		CPT	
	7/9/04	Water Test	Yes		6.5	4	25		
RZ B 17	5/27/03	Flow Test		5.0	0.3	8	1,200		Well siphons to 29" Hg vacuum at shutdown.
	2/23/04	Initial Molasses Injection	Yes	-10	13	6,2	37		
	3/1/04	Water Flush	Yes		12	5.4/8.8	341	HSA	
	7/9/04	Water Test	Yes		0.0	6.2	25		
RZ B 18	5/30/03	Flow Test		<2.0	0.0	8	1,200		Well siphons to 28" Hg vacuum at shutdown.
	2/23/04	Initial Molasses Injection	Yes	-2	13	5.2	30		
	3/1/04	Water Flush	Yes		13/12		288	HSA	
	7/9/04	Water Test	Minimal		9.0	4.2/4.6 3.5	25	I	No significant pressure drop observed.
CZ B 19	5/27/03	Flow Test		<2.0	2.0	15	1,200		Well siphons to 6" Hg vacuum at shutdown.
L	2/23/04	Initial Molasses Injection	Yes	-3	12	5.5	30		
L	3/2/04	Water Flush	Yes		9/<2	Carlotte Committee Committ	305	HSA	
	7/9/04	Water Test	Yes		3.5" Hg	4.7/6.4	25		
Z B 20	5/23/03	Flow Test		12.0	J.J FIG	6.6	1,200	1	Well siphons to 28" Hg vacuum at shutdown.
	2/23/04	Initial Molasses Injection	No	7	10	3	31		
	3/2/04	Water Flush	No	/	10 13	2.4	134	CPT	
	6/14/04	Water Test	No			1.4	7	F	low stopped.
	-				14.0	4.23	1,201		

Table 1
Injection Summary
Boeing Realty Corporation
Building 2 Area - Former C6 Facility, Los Angeles, California

Provided Section Provided 2-0 9 57 155	Amendment Point ID	Date	Injection/Test Event	Well Siphoned?	Wellhead Pressure/Vacuum (psig / " Hg)	Manifold Pressure/Vacuum (psig / " Hg)	Average Flowrate (gpm)	Injected Volume (gal)	Amendment Point Installation Method	Comments
Part Test	IRZ B 21	5/30/03	Flow Test		<2.0		Q	37	Method	
RZ B 22 52003 Flow Test 4.0 6.6 5.3 3.1.200 Nell sphores to 10° Hg vacuum at shrinkown.				Minimal	-4	10			HCA	
RZ B 23 2000 Plow Test 4.0 7 25 22304 Initial Molasses Injection Yes 4.0 7 25 22304 Initial Molasses Injection Yes 4.0 7 25 22304 Initial Molasses Injection Yes 12 8 5.5 301 HSA 182				Minimal					nsA	
RZ B 23 23 23 23 24 24 24 24				Minimal		The state of the s				
1	IRZ B 22				4.0		THE RESERVE OF THE PARTY OF THE	CONTRACTOR OF THE PROPERTY OF		Well siphons to 10" Hg vacuum at shutdown.
			Initial Molasses Injection	Yes		8			TYCA	
RZ B 234 S2703 Flow Test S2.0 S2.0 S2703 Flow Test S2.0 S									HSA	
RZ B 23A		7/9/04	Water Test	4						Well siphons to 2" Hg vacuum at shutdown.
Intial Molasses Injection 12 30	TD7 D 32A	5/07/02					2,47	1,211		Well ame salvoidled but to the
RZ B 23B 527/03 Flow Test Flow Flo	IKE D ZJA	3/2//03			<2.0		12	30		schedule
Fig.									CPT	osnoune,
RZ B 23B 5/27/03 Flow Test 12.0 5 30 CPT			-						CII	
Flow				No		7.0	1.53	401		
Initial Molasses Injection Water Flush Well not injected, flushing not required. Well suphons to 28" Hg at shutdown. W	IRZ B 23B	5/27/03	Flow Test		12.0		CONTRACTOR OF THE PROPERTY OF	POSSESSESSESSESSESSESSESSESSESSESSESSESSE		No siphoning observed.
			Initial Molasses Injection					30		
Second S			Water Flush							
Section Sect			Water Test	Yes		10" Ha	2.07	700	-	Well not injected, flushing not required.
2/23/04	RZ B 24	5/30/03	The state of the s		<2.0	IO EIG	CONTRACTOR OF THE PARTY OF THE			Well siphons to 28" Hg at shutdown.
37/204 Water Flush Minimal 8/11/8 5.5/4.9/5.6 25		2/23/04		Minimal		- 10				
1.5 1.5		3/2/04	Water Flush		-0				HSA	
RZ B 25 5/27/03 Flow Test < 2.0 15 32		7/9/04								
2/23/04	IRZ B 25			tattititiat	-20	1.5	CONTRACTOR OF THE PARTY OF THE	CONTRACTOR OF THE PARTY OF THE		Well siphons to 6" Hg vacuum at shutdown.
3/2/04 Water Flush Yes 12 10.6 25 17/9/04 Water Test Yes 0.0 4.3 1,200 Well siphons to 28" Hg at shutdown.			Initial Molasses Injection	Voc						
7/9/04 Water Test Yes 0.0 4.3 1,200 Well siphons to 28" Hg at shutdown.					-14				HSA	
RZ B 26A 5/30/03 Flow Test Test										
Initial Molasses Injection Water Flush Well not injected, flushing not required.	RZ B 26A			Yes	-	0.0		1,200	and the second	Well siphons to 28" Hg at shutdown
Water Flush Water Flush Well not injected, flushing not required. Well completed final 80 gals w/o pump. Well siphons to 20 Well completed final 80 gals w/o pump. Well siphons to 20 Well completed final 80 gals w/o pump. Well siphons to 20 Solution Well not injected, flushing not required. Well not injected, fl		9/20/03			7.0		4	23		
Well not injected, flushing not required. Well completed final 80 gals w/o pump. Well siphons to 20										
RZ B 26B 5/30/03 Flow Test Yes 1" Hg 2.09 481 Well completed final 80 gals w/o pump. Well siphons to 20 shutdown.	H		water Flush							Well not injected flushing not required
RZ B 26B 5/30/03 Flow Test <2.0 112 26 26		6/23/04	Water Tret							Well completed final 80 gals w/o nump. Well sinkers to 200 IV.
Initial Molasses Injection 12 26	RZ B 26B			Yes		1" Hg	2.09			shutdown.
Water Flush CPT	F	3/30/03			<2.0		12	26		
RZ B 27A 5/30/03 Flow Test Yes 6" Hg 3.24 722 Well siphoned to 27" Hg at shutdown.	F								CPT	
27A 5/30/03 Flow Test 20.0 1 46	F	6/22/04		100						Well not injected, flushing not required
2/23/04	27 R 27A			Yes		6" Hg	3.24	722		Well sinhoned to 27" Ha at shutdown
2/25/04 Initial Molasses Injection NT 40 46 3.9 481 CPT	- 5 2/1				The second secon		1	PORTON DE LA CONTRACTOR		
Strict Water Flush Well suspected to have failed and not flushed.	-		unual Molasses Injection	NT	40	46	3.9		CPT	
PZ B 27B 5/30/03 Flow Test 20.3 0.3/ 95 End of test, flow toe low to economically continue. Initial Molasses Injection Water Flush CPT Well not injected, flushing not required.	-									Well suspected to have failed and c 0. 1. 1
State Stat	27 D 27D			No		20.5	0.37	95	I,	and of test, flow too law to seem in the
Water Flush 6/24/04 Water Test Vee Well not injected, flushing not required,	√ p 2/B	5/30/03			<2.0		COLOR DE LA COLOR		1	and of real, flow too low to economically continue.
6/24/04 Water Test Vec Well not injected, flushing not required.	L		Initial Molasses Injection					22	CDT	
6/24/04 Water Test Ves 2011 Well not injected, flushing not required,	<u> </u>									IV. II. and the second
1 1 10 1 4 04 1 702 1 100 1		6/24/04	Water Test	Yes		3" Hg	4.04	723		Vell not injected, flushing not required. Vell siphons to 29" Hg at shutdown.

Table 1
Injection Summary
Boeing Realty Corporation
Building 2 Area - Former C6 Facility, Los Angeles, California

Amendment Point ID	Date	Injection/Test Event	Well Siphoned?	Wellhead Pressure/Vacuum (psig / " Hg)	Manifold Pressure/Vacuum (psig / " Hg)	Average Flowrate (gpm)	Injected Volume (gal)	Amendment Point Installation	Comments
IRZ B 28	5/30/03	Flow Test	T	<2,0		10	68	Method	
	2/23/04	Initial Molasses Injection	Minimal	-2	13	5.6	253	110.4	
	3/2/04	Water Flush	Minimal		13/12	4.6/5.0	25	HSA	
	7/9/04	Water Test	Minimal		9.5	3.7	1,200		
IRZ B 29	5/30/03	Flow Test		<2.0		14	30		Well siphons to 2" Hg at shutdown
	2/23/04	Initial Molasses Injection	Yes	-13	10	8.9	401	Tro.	
	3/2/04	Water Flush	Yes		<2	7.3	25	HSA	
	7/9/04	Water Test	Yes		-4.5" Hg	6.7			
IRZ B 30A	5/27/03	Flow Test		<2.0	1.J 11E	THE RESERVE OF THE PARTY OF THE	1,200		Well siphons to 28" Hg at shutdown,
		Initial Molasses Injection		-24,U		11	30		
		Water Flush						CPT	
	6/24/04	Water Test	Yes		2" Hg	1.70	401		Well not injected, flushing not required.
RZ B 30B	5/27/03	Flow Test	1 1	12.0	∠ пв	1.78	481		Well siphons to 20" Hg at shutdown.
		Initial Molasses Injection		12.0		4	30		
		Water Flush						CPT	
	6/24/04	Water Test	Yes		2011				Well not injected, flushing not required.
RZ B 31A	5/23/03	Flow Test	133	10.0	2" Hg	4.66	722		Well siphoned to 29" Hg at shutdown.
		Initial Molasses Injection		10,0		3.5	30		
		Water Flush						CPT	
Ī	6/23/04	Water Test	Yes		40.77				Well not injected, flushing not required.
RZ B 31B	5/23/03	Flow Test	103	7.0	4" Hg	1.37	480		Well siphons to 14" Hg vacuum at shutdown.
Ī		Initial Molasses Injection		1.0		6	31		
7	771	Water Flush						CPT	
1	6/22/04	Water Test	Yes						Well not injected, flushing not required.
RZ B 32	5/30/03	Flow Test	162	20.0	0.0	2,43	722		Well siphoned to 22" Hg vacuum at shutdown,
		Initial Molasses Injection		<2.0		5	31		
		Water Flush						HSA	
	6/23/04	Water Test	Minimal		0.000				Well not injected, flushing not required.
RZ B 33A	5/30/03	Flow Test	Minimal	0.0	1.0	1.81	1,202		Well siphons to 3" Hg vacuum at shutdown.
· · · · · ·	-700,00	Initial Molasses Injection		8.0		4	26		
-	0.00	Water Flush						CPT	
-	6/23/04	Water Fush Water Test	77.2						Well not injected, flushing not required.
RZ B 33B	5/27/03	Flow Test	Yes	2.0	2.0	1.45	481		Well siphons to -16" Hg vacuum at shutdown.
F	-127703	Initial Molasses Injection		<2.0		11	30		
H		Water Flush						CPT	
F	6/24/04	Water Flush Water Test	37						Well not injected, flushing not required.
Z B 34A	5/30/03	Flow Test	Yes		4" Hg	4.90	725	7	Well siphons to 28" Hg vacuum at shutdown.
	2,20,02	Initial Molasses Injection		12.0		7	15		Well was retested 6/11/03.
H		Water Flush						CPT	
-	6/23/04								Well not injected, flushing not required.
	0/23/04	Water Test	Yes		l" Hg	1.89	481	1	Well siphoned to 18" Hg vacuum at shutdown.

Table 1
Injection Summary
Boeing Realty Corporation
Building 2 Area - Former C6 Facility, Los Angeles, California

Amendment Point ID	Date	Injection/Test Event	Well Siphoned?	Wellhead Pressure/Vacuum (psig / " Hg)	Manifold Pressure/Vacuum (psig / " Hg)	Average Flowrate (gpm)	Injected Volume (gal)	Amendment Point Installation Method	Comments
RZ B 34B	5/30/03	Flow Test		<2.0		16	29	MACINOG	
		Initial Molasses Injection					23	CPT	
		Water Flush						GF1	Well-making and Co. 1
10.7	6/22/04	Water Test	Yes		8" Hg	3.63	722		Well not injected, flushing not required.
IRZ B 35	5/27/03	Flow Test		<2.0		13.5	31		Well siphoned to 28" Hg vacuum at shutdown.
		Initial Molasses Injection					1.04-40	HSA	
	C 10 1 10 1	Water Flush						HUN	Well not injected, flushing not required.
(D) (T) (O)	6/24/04	Water Test	Minimal		6,0	4.06	1,202		Well siphons to 4" Hg vacuum only at shutdown.
RZ B 36	5/30/03	Flow Test		<2.0		12	25		wen siphons to 4 rig vactium only at shutdown.
		Initial Molasses Injection						HSA	
-	Charie	Water Flush						HUA	Well not injected, flushing not required.
DZ D 351	6/22/04	Water Test	Yes		10.5" Hg	4.33	1,202		Well sinband to 200 II.
IRZ B 37A		Flow Test					1,500		Well siphoned to 28" Hg at shutdown. Well not tested to accommodate construction schedule,
		Initial Molasses Injection						CPT	non not rested to accommodate construction schedule.
	6/8/1/8/	Water Flush						Ci i	Well not injected, flushing not required.
D/Z D 27D	6/24/04	Water Test	Minimal		1.0	1.87	482		Well siphons to 4" Hg only at shutdown.
RZ B 37B		Flow Test							Well not tested to accommodate construction schedule.
-	100	Initial Molasses Injection						CPT	were not rested to accommodate construction schedule.
	601101	Water Flush							Well not injected, flushing not required.
RZ B 38A	6/24/04	Water Test	No		5.0	2.52	721		No siphoning of hose at shutdown.
KZ B 38A	5/23/03	Flow Test		9.0		4.5	30		a comprising or nose at shuldown.
-		Initial Molasses Injection						CPT	
	6/04/04	Water Flush							Well not injected, flushing not required.
RZ B 38B	6/24/04	Water Test	Yes		4" Hg	2.61	482		Well siphons to 24" Hg at shutdown.
_ dac d 🔊	5/23/03	Flow Test		<2.0		12	32		recti siprious to 24 Tig at situtuown.
_		Initial Molasses Injection				10		CPT	
-	5/04/04	Water Flush						The state of the s	Well not injected, flushing not required.
RZ B 39	6/24/04	Water Test	Yes	CMCOper to	4" Hg	1.94	722		Well siphoned to 18" Hg at shutdown.
C D 39	5/30/03	Flow Test		<2.0		13	25		rest sipherica to 16 Tig at silutdown.
H		Initial Molasses Injection						CPT	
-	6/24/04	Water Flush							Well not injected, flushing not required.
XZ B 40	5/23/03	Water Test	Yes		3" Hg	3,80	1,202		Well siphons to 28" Hg at shutdown.
~ D 40 -	3123/03	Flow Test		<2.0		11	31		
-		Initial Molasses Injection						CPT	man in the control of
H	6/24/04	Water Flush							Well not injected, flushing not required.
Z B 42A	5/30/03	Water Test	Yes		5" Hg	4.59	1,203		Well siphons to 28" Hg at shutdown.
L D 42A	2/30/03	Flow Test		11.0		5	25		The septions to 20 Trg at stididowit,
-		Initial Molasses Injection						CPT	
<u> </u>	6/24/04	Water Flush							Well not injected, flushing not required.
	0/24/04	Water Test	Yes		3" Hg	2.13	481		Well siphons to 21" Hg at shutdown.

Table 1
Injection Summary
Boeing Realty Corporation
Building 2 Area - Former C6 Facility, Los Angeles, California

Amendmer Point ID	Date	Injection/Test Event	Well Siphoned?	Wellhead Pressure/Vacuum (psig/" Hg)	Manifold Pressure/Vacuum (psig / " Hg)	Average Flowrate (gpm)	Injected Volume (gal)	Amendment Point Installation Method	Comments
IRZ B 42.	B 5/30/03			<2.0		11	25	Method	
		Initial Molasses Injection						CPT	
	6/04/0	Water Flush						CII	Well not injected, flushing not required.
	6/24/04	Water Test	Yes		5" Hg	4.16	722		Well siphons to 28" Hg at shutdown.
			2.39.5		VAULT 2 (29	Wells)			West signois to 20 Tig at simildown.
IRZ B 41	5/30/03	7.21. 400		<2.0		8	28		
	2/23/04		No	-25	32	10.7	1,405	HSA	
	3/2/04	Water Flush	No		13	5.0/4.0	25	n5A	N 1 6
	7/8/04	Water Test	Minimal		5.5	3.72	1,200		No significant pressure drop observed.
IRZ B 43 <i>A</i>		Flow Test		7.0	2.2	5.12	30		Well vacuum to 2" Hg when valve closed.
	2/23/04		Yes	31	32	1.2	209	CPC	
	3/2/04	Water Flush	Yes	-	12/13/11	2.6/0.8/3.2	209	CPT	
	7/8/04	Water Test	Yes		0	1.96			
RZ B 43E	5/23/03	Flow Test		<2.0	V	1.90	480		Well vacuum to 28" Hg when valve closed.
	2/23/04	Initial Molasses Injection	Yes	2.0	NR	7.0	30		
	3/2/04	Water Flush	Yes		12/6/<2	2.5/5.0/6.0	105	CPT	
	7/8/04	Water Test	Yes		0		25		
RZ B 44	5/30/03	Flow Test		<2.0	U	5.87	720		Well vacuum to 29" Hg when valve closed off.
	2/23/04	Initial Molasses Injection	Yes	34	37	11	25		
	3/2/04	Water Flush	Yes	J-1		2.1	280	CPT	
	7/8/04	Water Test	Yes		13/12	1.6/4.2	25		
RZ B 45A	5/30/03	Flow Test	103	5.0	0	3.3	1,200		Vacuum to 29" Hg when valve closed.
	2/23/04	Initial Molasses Injection	Yes	24	20	6.5	24		Well was retested 6/11/03.
	3/2/04	Water Flush	Yes	47	26 12/2/<2	1.8	323	CPT	
	7/8/04	Water Test	Yes			3.0/6.3/7.2	26		
RZ B 45B	5/30/03	Flow Test	103	<2.0	2" Hg	6.41	480		Vacuum went to 29" Hg when valve closed.
	2/23/04	Initial Molasses Injection	No	72,0	3.773	10	25		
	3/2/04	Water Flush	No		NR	2.5	37	CPT	
	6/16/04	Water Test	Yes		13		4		Flow stopped.
RZ B 46A	5/27/03	Flow Test	169	10.0	6.5	2.41	723		Well siphons to 26" Hg at shutdown.
	2/23/04	Initial Molasses Injection	Yes	16		5	30		
	3/2/04	Water Flush	Yes	10	25	4.3	491	CPT	
	7/8/04	Water Test	Yes			4.8/6.0/4.2	25		
₹Z B 46B	5/27/03	Flow Test	108	<2.0	0	2.03	480		Vacuum went to 28" Hg when valve closed.
		Initial Molasses Injection		<u>~∠,∪</u>		14	30		
		Water Flush						CPT	
	6/17/04	Water Test	Yes				100000		Well not injected, flushing not required.
Z B 47A	5/30/03	Flow Test	I US		1	7.08	726		Well siphons to 28" Hg at shutdown.
	2/23/04	Initial Molasses Injection	N1.	5.0		2.5	25		
	3/2/04	Water Flush	No	47	54	3.9	480	CPT	
	6/16/04	Water Test	No		13	1.3/0.3	4		low stopped.
	0/10/04	water rest	Minimal		17.5	1.27	481		Vell siphons to 20" Hg at shutdown,

Table 1
Injection Summary
Boeing Realty Corporation
Building 2 Area - Former C6 Facility, Los Angeles, California

Amendment Point ID IRZ B 47B	Date	Injection/Test Event	Well Siphoned?	Wellhead Pressure/Vacuum (psig / " Hg)	Manifold Pressure/Vacuum (psig / " Hg)	Average Flowrate (gpm)	Injected Volume (gal)	Amendment Point Installation Method	Comments
IRZ, B 4/B	5/30/03	Flow Test	100	<2.0		12	26	Method	
	2/23/04	Initial Molasses Injection	Yes	20	26	3.8	662	CPT	
	3/2/04	Water Flush	Yes		13/8	6	25	CFI	
IDD S	7/8/04	Water Test	Yes		1" Hg	6,29	720		17
IRZ B 48	5/27/03	Flow Test		<2.0		13	31		Vacuum to 29.5" Hg when valve closed.
	2/23/04	Initial Molasses Injection	Yes	-32	30	12.1	1,221	710.4	
	3/2/04	Water Flush	Yes		12/13	1 12.1	25	HSA	
	7/8/04	Water Test	Yes		0	6.52	1,200		
RZ B 49A	5/30/03	Flow Test		15.0		2.5			Vacuum to 29" Hg when valve closed.
	2/23/04	Initial Molasses Injection	No	23	47	6.9	21		
	3/2/04	Water Flush	No	23	13		480	CPT	
					13	3,4/0,4	4		Flow stopped.
	6/17/04	Water Test	No		8	0.40			Test stopped due to surface leakage (-8oz). Well siphons to -7" Hg
RZ B 49B	5/30/03	Flow Test		<2.0	C	2.42	464		shutoff.
	2/23/04	Initial Molasses Injection	Yes	2.0	25	15	26		
	3/2/04	Water Flush	Yes	- 4		6.6	764	CPT	
	7/8/04	Water Test	Yes		13/11	3.8/8.2	25		
RZ B 50A	5/30/03	Flow Test	103	8.0	0	3.02	720		Vacuum to 29" Hg when well valve closed.
	2/23/04	Initial Molasses Injection	No			3	25		
	3/2/04	Water Flush	No	27	28	1.0	170	CPT	
	6/16/04	Water Test			13	3.7/0.7	7		Flow stopped.
RZ B 50B	5/30/03	Flow Test	Minimal		15.0	1.85	481		Low injection flow rate. Well siphons to 24" Hg vacuum.
	2/23/04	Initial Molasses Injection		<2.0		8	25		3 Car diplicate 24 Tig Vacuum.
F	3/2/04	Water Flush	Yes	25	26	1.6	287	CPT	
-	7/8/04		Yes		13	2.4/3.4	25		
Z B 51A	5/30/03	Water Test	Yes		5.5	4.03	720		Well vacuum to 29" Hg when valve shut.
- D 3/A	2/23/04	Flow Test		5.0		9	26		or research to 25 Fig when valve situ.
-	3/2/04	Initial Molasses Injection	No	22	22	0.0	6	CPT	
-	3/2/04	Water Flush	No		13	0.4	4		Flow stopped.
	6/17/04								r tow stopped,
Z B 51B	5/30/03	Water Test	Minimal		15.0	1.47	482		Low injection flow rate. Well siphons to 28" Hg at shutdown,
~ b " -	2/23/04	Flow Test		<2.0		12	25		2000 injection flow rate: Well siphons to 28° Hg at shutdown.
-	3/2/04	Initial Molasses Injection	Yes	14	23	5.0	883	CPT	
-		Water Flush	Yes		13/12	4.0/10.0	25	- 04.1	
Z B 52	7/8/04	Water Test	Yes		0	5.06	720		Wall recover to 20 St II. 1
4 D 34	5/27/03	Flow Test		<2.0		12	30		Well vacuum to 29.5" Hg when valve closed.
<u> </u>	2/23/04	Initial Molasses Injection	Yes	25	34	4.1	539	CPT	
L	3/2/04	Water Flush	Yes			4.0/5.7/6.3	25	CFI	
	7/8/04	Water Test	Yes		0	4.45	1,200		V 6
Z B 53	5/27/03	Flow Test		<2.0		10.5	30		Well vacuum to 24" Hg when pump off.
	2/23/04	Initial Molasses Injection	Yes	-28	10	11.7		770.4	
L	3/2/04	Water Flush	Yes	===	10	8.5	1,200	HSA	
	7/8/04	Water Test	Yes		0		27		
					U	6.59	1,200	- 11	Vell vacuum to 29" Hg when valve closed.

Table 1 Injection Summary Boeing Realty Corporation Building 2 Area - Former C6 Facility, Los Angeles, California

Amendment Point ID	Date	Injection/Test Event	Well Siphoned?	Wellhead Pressure/Vacuum (psig / " Hg)	Manifold Pressure/Vacuum (psig/" Hg)	Average Flowrate (gpm)	Injected Volume (gal)	Amendment Point Installation Method	Comments
IRZ B 54A	5/27/03	Flow Test		12.0		4	30	Mediod	
	2/23/04	Initial Molasses Injection	No	18	18	0.0	7	CPT	
	3/2/04	Water Flush	No		13	0.2	5	CF1	PI
	6/15/04					9.5	-		Flow stopped.
RZ B 54B	6/17/04	Water Test	Minimal		12.5	2.01	482		Low injection flavored W. B. C. Sauce
NZ D 34B	5/27/03	Flow Test		4.0		8	31		Low injection flow rate. Well siphons to 26" Hg at shutdown.
	2/23/04	Initial Molasses Injection	Yes	20	23	2.1	376	CPT	
	3/2/04	Water Flush	Yes		13	0.8/3.0	25	CI I	
D. 2. D. 554	7/8/04	Water Test	Yes		0	6.10	760		TV 2007T 2
RZ B 55A	5/27/03	Flow Test		<2.0		12	30		Vacuum to 29" Hg when valve closed.
		Initial Molasses Injection					50	СРТ	
		Water Flush						CPI	
	6/17/04	Water Test	Yes		2.5	4.21	482		Well not injected, flushing not required.
₹Z B 55B	5/30/03	Flow Test		<2,0		11	26		Well siphons to 26" Hg at shutdown.
	2/23/04	Initial Molasses Injection	Yes	26	28	2.0	352	650	
	3/2/04	Water Flush	Yes		12/<2	3.7/6.8	25	CPT	
	7/8/04	Water Test	Yes		0	4.09			
WZ B 56	5/30/03	Flow Test		<2.0	V	14	678		Vacuum to 29" Hg when valve closed.
	2/23/04	Initial Molasses Injection	Yes	34	47	5,9	25		
	3/2/04	Water Flush	Yes		The state of the s		787	CPT	
	7/8/04	Water Test	Yes		5	3.7/5.6/4.9	25		
Z B 57	5/30/03	Flow Test		<2.0)	5.19	1,200		
	2/23/04	Initial Molasses Injection	Yes	34	49	13	25		
	3/2/04	Water Flush	Yes			5.2	687	CPT	
	7/8/04	Water Test	Yes			2.2/4.0/3.2	25		
Z B 58	5/27/03	Flow Test	103	<2.0	0	6.78	1,200		Well vacuum to 29.5" Hg when valve closed.
	2/23/04	Initial Molasses Injection	Yes	46		12	30		
	3/2/04	Water Flush	Yes	40	50	2.5	329	CPT	
	7/8/04	Water Test	Yes		10	3.9	25		
Z B 59	5/27/03	Flow Test	1 (3	<2.0	0	6.34	1,200		Well vacuum to 29" Hg when valve closed.
	2/23/04	Initial Molasses Injection	Yes			9	30		
Г	3/2/04	Water Flush	Yes	11	28	6.1	810	CPT	
	7/8/04	Water Test	Yes		10/13	4.0/4.8	25		Stopped at 3.7 gal, restarted after 10 min.
Z B 60	5/27/03	Flow Test	1 52	-0.0	0	5.58	1,200		Well vacuum to 29.5" Hg when valve closed.
F	2/23/04	Initial Molasses Injection	- Vos	<2.0		13	30		O 77.7 9.00043
	3/2/04	Water Flush	Yes	21	35	5.9	779	CPT	
	7/8/04	Water Test	Yes		13/12	6.2/9.2	25		
Z B 61	5/27/03	Flow Test	Yes		0	6.01	1,200	1	Well vacuum to 28" Hg when valve closed.
- ~ ·· -	2/23/04	Initial Molasses Injection		<2.0		12	30		20 119 unon serve closed:
H	3/2/04	Water Flush	Yes		NR		585	HSA	
-	7/8/04	Water Flush Water Test	Yes		6/<2	5.3/6.7	25		
	1/0/07	Water rest	Yes		0	6.29	1,200	v	Vell vacuum to 29" Hg when valve closed,

Amendment Point ID	Date	Injection/Test Event	Well Siphoned?	Wellhead Pressure/Vacuum (psig / " Hg)	Manifold Pressure/Vacuum (psig / " Hg)	(gpm)	Injected Volume (gal)	Amendment Point Installation Method	Comments
ID7 D (0					VAULT 3 (38	Wells)		- Indetailed	
IRZ B 62	9/8/03	Flow Test		13.0	***************************************	15	24		
	2/23/04	Initial Molasses Injection	Minimal	11	40	5.2	1,045	CPT	
	3/3/04	Water Flush	Minimal		13	4.0/2,1/1.8	25	CII	
ID7 5 0	7/7/04	Water Test	Yes		0	4.30	1,200		Well milled C.H. COURT
IRZ B 63	5/27/03	Flow Test		<2.0		12	30	***************************************	Well pulled full vacuum (29" Hg) at test shutdown.
	2/23/04	Initial Molasses Injection	Minimal	43	50	2.3	463	CPT	
	3/3/04	Water Flush	Minimal		13	3.2/1.0/2.6	25	Gr I	
mer n en	7/7/04	Water Test	Yes		0	4.91	1,200		Well and City (course)
IRZ B 64	5/27/03	Flow Test		4.0		8	30		Well went to full vacuum (29" Hg) at test shutdown.
	2/23/04	Initial Molasses Injection	Yes	-163	40	15.0	1,200	CPT	
	3/3/04	Water Flush	Yes		12/13/8	4.7/3.0/5.5	25	CFI	
	6/18/04	Water Test	Yes						
RZ B 65	5/27/03	Flow Test		<2.0	1.5	2.08	1,204		Low injection flow rate. Well siphons to 25" Hg at shutdown.
	2/23/04	Initial Molasses Injection	Yes	27	CO	11	30		
	3/3/04	Water Flush	Yes	21	50	4.7	948	CPT	
Ī	6/18/04	Water Test	Yes		13/12	4	25		
RZ B 66	5/27/03	Flow Test	103	<2.0	1.0	5.39	1,205		Well siphons to 29" Hg at shutdown.
	2/23/04	Initial Molasses Injection	Yes	21		12	30		
	3/3/04	Water Flush	Yes	21	50	5.6	1,110	CPT	
	6/18/04	Water Test	Yes		13/10	3.8/5.1	25		
RZ B 67	5/27/03	Flow Test	103	<2.0	2.5	5.59	1,204		Well siphons to 29" Hg at shutdown.
	2/23/04	Initial Molasses Injection	Yes	47		12	30		
	3/3/04	Water Flush	Yes	47	50	1.6	328	CPT	
	6/18/04	Water Test	Yes		13/10	3.0/3.6	25		
RZ B 68	9/8/03	Flow Test	103	14.0	0.5	5.18	1,202		Well siphons to 29" Hg at shutdown.
	2/23/04	Initial Molasses Injection	Yes	40	50	16	30		
	3/3/04	Water Flush	Yes	40	Contract of the Contract of th	3.1	617	CPT	
<u> </u>	7/6/04	Water Test	Yes		12/12/10	4.2/3.4/4.8	25		
VZ B 69	5/27/03	Flow Test	103	<2.0	0	4.3	1,200		Well siphons to 29" Hg at shutdown.
	2/23/04	Initial Molasses Injection	No	35	50	10	30		
	3/3/04	Water Flush	No		AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	3.7	738	CPT	
	6/18/04	Water Test	Yes		13 2	2.6/0.9/1.6	25		Flow stopped at 15.3 gal.
VZ B 70	5/27/03	Flow Test		<2.0	4	4.91	1,203		Well siphons to 29" Hg at shutdown.
Γ	2/23/04	Initial Molasses Injection	Minimal	42	50	10	30		
	3/3/04	Water Flush	Minimal	74	12/13/13	2.7	532	CPT	
	6/18/04	Water Test	Yes		0.5	4.6/0.3/1.9	25		
Z B 71	5/27/03	Flow Test		<2.0	0.5	5,19	1,203	1	Well siphons to 29" Hg at shutdown.
	2/23/04	Initial Molasses Injection	Yes	42	50	11	30		
Γ	3/3/04	Water Flush	Yes	T.fa	13	2.8	563	CPT	
	6/18/04	Water Test	Yes		1,5	1.6/2.8	25		
			100		C.1	5.36	1,203	N	Vell siphons to 28" Hg at shutdown.

Amendment Point ID	Date	Injection/Test Event	Well Siphoned?	Wellhead Pressure/Vacuum (psig / " Hg)	Manifold Pressure/Vacuum (psig / " Hg)	Average Flowrate (gpm)	Injected Volume (gal)	Amendment Point Installation	Comments
IRZ B 72	5/27/03	Flow Test		<2.0		12		Method	
	2/23/04	Initial Molasses Injection	Yes	-113	50		30		
	3/3/04	Water Flush	Yes	-110	13/10/13	15.0	1,200	CPT	
	6/18/04	Water Test	Yes		0.25	4.1/4.7/3.9	25		
IRZ B 73	5/27/03	Flow Test	133	<2.0	0.23	5.58	1,203		Well siphons to 29" Hg at shutdown.
	2/23/04	Initial Molasses Injection	Yes	27	50	11.5	30		
	3/3/04	Water Flush	Yes	241	13	5.0	176	CPT	
	6/18/04	Water Test	Yes		2.0	4	25		
RZ B 74	9/8/03	Flow Test	1,00	13.0	2,0	5.94	1,205		Well siphons to 29" Hg at shutdown.
	2/23/04	Initial Molasses Injection	Yes	13.0	30	15	35	100	
	3/3/04	Water Flush	Yes	12	30 13	4,1	434	CPT	
	7/7/04	Water Test	Yes		The same of the sa	1.2/0.8/2.4	25		
RZ B 75	9/8/03	Flow Test	1.03	13.0	10	3.58	1,200		Well pulled full vacuum (29" Hg) at test shutdown.
	2/23/04	Initial Molasses Injection	Minimal	27	35	15	36		
	3/3/04	Water Flush	Minimal	21	13	2.8	296	CPT	
	7/7/04	Water Test	Yes		0	2.8/0.8/2.6	25	<u> </u>	
RZ B 76	9/8/03	Flow Test	103	11.0	U	4.12	1,200		Well pulled full vacuum (29" Hg) at test shutdown.
	2/23/04	Initial Molasses Injection	Yes	21	0.5	16	35		
	3/3/04	Water Flush	Yes	- 21	35	3.8	397	CPT	
1	7/6/04	Water Test	Yes		13/8/13	4.1/5.6/4.2	25		
RZ B 77	5/27/03	Flow Test	103	<2.0	8,5	4.4	1,200		Well siphons to 29" Hg at shutdown,
		Initial Molasses Injection		\\\Z.U		12	30		
		Water Flush						CPT	
	6/25/04	Water Test	Yes		OUTT				Wells not injected, flushing not required.
RZ B 78	5/27/03	Flow Test	103	<2.0	8" Hg	3.21	1,202		Well siphons to 28" Hg at shutdown.
		Initial Molasses Injection		~2.0		9.5	30		
		Water Flush						CPT	
	6/25/04	Water Test	Yes		TOU YE				Wells not injected, flushing not required.
RZ B 79	5/27/03	Flow Test	103	<2.0	12" Hg	3.94	1,205		Well siphons to 28" Hg at shutdown.
	2/23/04	Initial Molasses Injection	Yes	-11	80	12	30		
	3/3/04	Water Flush	Yes	-11	30	7.9	780	HSA	
	7/6/04	Water Test	Yes		13	3.4/8.0	25		
Z B 80	9/8/03	Flow Test	168	12.0	1	6.2	1,200		Well siphons to 29.5" Hg at shutdown.
	2/23/04	Initial Molasses Injection	Minimal	33	40	16	35		
F	3/3/04	Water Flush	Minimal	دد	40	2.4	255	CPT	
	7/7/04	Water Test	Yes		10/13/12	5.1/0.5/3.2	25		Slowing in flow was observed after 10.2 gals.
Z B 81	9/8/03	Flow Test	169	10.0	0	3.54	1,200	<u> </u>	Well siphons to 29" Hg at shutdown.
F		Initial Molasses Injection		10.0		16	36		
		Water Flush						CPT	
	6/25/04	Water Test	Yes		11.50.77				
	-	1, 2001 1001	103		-11.5" Hg	3.95	1,202		Well siphoned to completion. Well siphons to 28" Hg.

Table 1 Injection Summary Boeing Realty Corporation Building 2 Area - Former C6 Facility, Los Angeles, California

Amendment Point ID	Date	Injection/Test Event	Well Siphoned?	Wellhead Pressure/Vacuum (psig / " Hg)	Manifold Pressure/Vacuum (psig / " Hg)	Average Flowrate (gpm)	Injected Volume (gal)	Amendment Point Installation	Comments
IKZ B 82	9/8/03	Flow Test		9.0		18	41	Method	
	2/23/04	Initial Molasses Injection	Yes	31	40	3.1			- <u> </u>
	3/3/04	Water Flush	Yes		13	3.4/4.6	321	СРТ	
D.7 D.02	7/6/04	Water Test	Yes		0.5	5.9			
RZ B 83	9/8/03	Flow Test		12.0		16	1,212		Well siphons to 29" Hg at shutdown.
i		Initial Molasses Injection				10	41		
. [Water Flush				 		CPT	
	6/25/04	Water Test	Yes		10" Hg	2.04			Wells not injected, flushing not required.
RZ B 84	5/27/03	Flow Test		4.0	TO Hg	3.84	1,203		Well siphoned to 28" Hg after shutdown of test.
İ.	2/23/04	Initial Molasses Injection	Yes	22	35	8.5	30		
	3/3/04	Water Flush	Yes			4.0	589	CPT	
	7/6/04	Water Test	Yes		13	4.3	25		
RZ B 85	5/27/03	Flow Test	1 - 1	6.0	6	4.8	1,200		Well siphons to 29.5" Hg at shutdown.
. [2/23/04	Initial Molasses Injection	Yes	25		7	30		a samuta wa
	3/3/04	Water Flush	Yes	23	40	4.4	915	CPT	
	7/7/04	Water Test	Yes		13	2.6	25		
RZ B 86	5/27/03	Flow Test	103		0	4.33	1,200		Well went to full vacuum (29" Hg) at test shutdown.
Γ	2/23/04	Initial Molasses Injection	Yes	<2.0		11	30		(25 Tig) at test shutdown.
	3/3/04	Water Flush	Yes	-7	30	7.4	1,200	HSA	
[7/6/04	Water Test	Yes		9/<2	5.4/7.3	26		
Z B 87	9/8/03	Flow Test	1 es	150	3	5.3	1,222		Well siphons to 29" Hg at shutdown.
F	2/24/04	Initial Molasses Injection	Minimal	15.0		14	40		options to 25 Tig at shuldown.
į.		Intial Wolasses Injection	Minimal	38	40	1.3	131	CPT	
[-	3/3/04	Water Flush	Minimal	•					Flow stopped at 7.2 and 11.6 gal. Pressure increased to 14 psi t
	7/7/04	Water Test	Yes		13/14	0.6/1.0	25		finish flushing.
Z B 88	9/8/03	Flow Test	res		0	3.60	1,200		Well siphons to 29" Hg at shutdown.
<u> </u>	2/24/04	Initial Molasses Injection	- 1	15.0		15	40		to diphons to 25 Hg at shuddown.
· -	3/3/04	Water Flush	Yes	32	35	1.6	159	CPT	
	7/6/04	Water Test	Yes		10/13	4.9/2.1	25		
Z B 89	9/8/03	Flow Test	Yes		8	4.4	1,200		Well siphons to 29" Hg at shutdown.
· -	2/24/04	Initial Molasses Injection		13.0		16	40		wen siphons to 29 Hg at shutdown.
<u> </u>	3/3/04	Water Flush	Yes	30	40	3.4	345	CPT	
<u> </u>	7/7/04	Water Test	Yes		12/9/13	4.3/5.0/1.9	25	- 0.1	
Z B 90	9/8/03		Yes		0	4.53	1,200		Well want to Cill
~ ~ ~ -	2/24/04	Flow Test		14.0		16	40		Well went to full vacuum (29" Hg) at test shutdown.
 	3/3/04	Initial Molasses Injection	Yes	20	24	2.1	216	CPT	
	7/6/04	Water Flush	Yes		13	1.3/0.9/2.4	25	VII.	
Z B 91	9/8/03	Water Test	Yes		2	5.8	1,200		Wall sixty and Collect
′ ′′ ′′		Flow Test		16.0		15	40		Well siphons to 29" Hg at shutdown.
}	2/23/04	Initial Molasses Injection	Yes	30	32	1.6	338	CPT	
}	3/3/04	W					220		CI .
 	7/7/04	Water Flush	Yes		13/16/14	0.6/1.2/1.6	25	!!	Flow stopped at 76.9 gals, increased to 15 psi, flow stopped,
	111/04	Water Test	Yes		0	4.32	1,200		ncreased to 16 psi, flow restarted and pressure decreased. Well went to full vacuum (29" Hg) at test shutdown.

Table 1
Injection Summary
Boeing Realty Corporation
Building 2 Area - Former C6 Facility, Los Angeles, California

Amendment Point ID	Date	Injection/Test Event	Well Siphoned?	Wellhead Pressure/Vacuum (psig / " Hg)	Manifold Pressure/Vacuum (psig / " Hg)	Average Flowrate (gpm)	Injected Volume (gal)	Amendment Point Installation Method	Comments
IRZ B 92	5/23/03	Flow Test		<2.0	West and the second	11.5	35		
	2/23/04	Initial Molasses Injection	Yes	20	31	3.8	796	CPT	
	3/3/04	Water Flush	Yes		10/13/5	5,5/4,6/6.8	25		
	7/7/04	Water Test	Yes		0	4.00	1,200		Well pulled 29" Hg when valve closed.
IRZ B 93	5/23/03	Flow Test		4.0		8	44		para sa
	2/23/04	Initial Molasses Injection	Minimal	23	31	3.6	740	CPT	
	3/3/04	Water Flush	Min/Yes		10/13	5.5/2.5	25		
	7/7/04	Water Test	Yes		0	5.36	1,200		Well went to full vacuum (29" Hg) at test shutdown.
RZ B 94	9/8/03	Flow Test		8.0		19	41		and the second (22 Tig) at test stated wit,
	2/24/04	Initial Molasses Injection	Yes	21	32	3.5	353	CPT	
	3/3/04	Water Flush	Yes		12/4/12	4.8/6.6/4.9	25		
	7/6/04	Water Test	Yes		0	4,2	1,200		Well siphons to 29" Hg at shutdown.
RZ B 95	9/8/03	Flow Test		15.0		16	40		LATTER TO AN OLD WINDS
		Initial Molasses Injection						CPT	
		Water Flush							
	6/25/04	Water Test	Minimal		4" Hg	1,86	1,200		Low injection flow rate. Well siphons to 10" Hg only at test shutdown.
RZ B 96	9/8/03	Flow Test		15.0		17	40		Ditties with
	2/24/04	Initial Molasses Injection	Yes	14	30	4.7	483	CPT	
	3/3/04	Water Flush	Yes		11/6	5,3/6.5	25	011	
	7/6/04	Water Test	Yes		0	4.3	1,200		Well siphons to 29.5" Hg at shutdown.
RZ B 97	9/8/03	Flow Test		15.0		14	41		Well sipholis to 29.5 Fig at shutdown.
	2/24/04	Initial Molasses Injection	Yes	20	29	3.5	356	СРТ	49.0%
	3/3/04	Water Flush	Yes		13	6.0/4.0	25	<u> </u>	No significant pressure drop observed.
	7/7/04	Water Test	Yes		0	4.42	1,200		Well siphons to 29" Hg at shutdown.
RZ B 98		Flow Test					3,500		Well not tested to accommodate construction schedule.
	2/23/04	Initial Molasses Injection	Yes	30.0	50	5.8	1,152	CPT	wear not resize to accommodate constituction schedule.
	3/3/04	Water Flush	Yes		12/13	5.0/3.0/5.2	25		Flow stopped at 16 gal. Picked up again at 18.5 gal.
	7/6/04	Water Test	Yes		0	3.7	1,200		Well siphons to 29" Hg at shutdown.
RZ B 99		Flow Test					-,		Well not tested to accommodate construction schedule.
	2/23/04	Initial Molasses Injection	Yes	-14	36	10.0	1,200	HSA	
	3/3/04	Water Flush	Yes		13/12	4.0/8.5	25	310/1	
	7/7/04	Water Test	Yes		5" Hg	5.95	1,200		Well went to full vacuum (29" Hg) at test shutdown.
				and a college to the second	VAULT 4 (20 V	DECRETOR OF THE PROPERTY OF TH			(1-2-2-2)
RZ C I	8/14/03	Flow Test	I	18.0		16	101		
	2/24/04	Initial Molasses Injection	Yes	4	15	3.5	1,583	HSA	
	2/24/04	Water Flush					25	HULL	
		Water Test					20		Not traited due to appear Cd 1077 1 1 11
RZ C 2	8/14/03	Flow Test		5.0		24	101		Not tested due to successful IRZ injection event.
	2/24/04	Initial Molasses Injection	No	19	21	1.3	586	LICA	
	2/24/04	Water Flush	1,12			1,3	25	HSA	
		Water Test					20		Notes and July 19 19 19 19
				I I		<u>l</u> _			Not tested due to successful IRZ injection event.

Table 1
Injection Summary
Boeing Realty Corporation
Building 2 Area - Former C6 Facility, Los Angeles, California

Amendment Point ID	Date	Injection/Test Event	Well Siphoned?	Wellhead Pressure/Vacuum (psig / " Hg)	Manifold Pressure/Vacuum (psig / " Hg)	Average Flowrate (gpm)	Injected Volume (gal)	Amendment Point Installation Method	Comments
IRZ C 3	8/14/03	Flow Test	T	8,0		21	102		
	2/24/04	Initial Molasses Injection	Yes	-8	5	3.5	1,610	HSA	
	2/24/04	Water Flush					25		
201		Water Test							Not tested due to successful IRZ injection event.
RZ C 4	8/14/03	Flow Test		4.0		24	102		
		Initial Molasses Injection						HSA	
		Water Flush							Well not injected, no flushing required. Max. inj. pressure = 15.5 psi. Well siphoned to 2" Hg at test
	7/12/04	Water Test	No		7.5	3.12	960		shutdown.
IRZ C 5	8/14/03	Flow Test		4.0		24	100		
	2/24/04	Initial Molasses Injection	Yes	3	16	3.8	1,300	HSA	
	2/24/04	Water Flush			16,000		25		
		Water Test							Not tested due to successful IRZ injection event.
RZ C 6	8/14/03	Flow Test		4.0		24	102		
	2/24/04	Initial Molasses Injection	Yes	1	12	3.4	1,533	HSA	
	2/24/04	Water Flush					25		
		Water Test							Not tested due to successful IRZ injection event.
IRZ C 7	5/12/03	Flow Test		3.0		18	102		
	2/24/04	Initial Molasses Injection	Yes	3	12	4.0	1,333	HSA	
	2/24/04	Water Flush					25		
		Water Test							Not tested due to successful IRZ injection event.
RZ C 8	5/12/03	Flow Test		<2.0		18	90		
	2/24/04	Initial Molasses Injection	Yes	5	12	3.3	1,482	HSA	
	2/24/04	Water Flush					25		
		Water Test							Not tested due to successful IRZ injection event.
RZ C 9	5/12/03	Flow Test		<2.0		17	100		
	2/24/04	Initial Molasses Injection	Yes	5	12	3.1	1,419	HSA	
	2/24/04	Water Flush					25		
		Water Test							Not tested due to successful IRZ injection event.
RZ C 10	8/14/03	Flow Test		4.0		24	102		
	2/24/04	Initial Molasses Injection	Yes	2	13	3.8	1,351	HSA	
	2/24/04	Water Flush	100				25		
		Water Test							Not tested due to successful IRZ injection event.
RZ C 11	8/14/03	Flow Test		4.0		24	103		
	2/24/04	Initial Molasses Injection	Yes	-8	8	4.4	1,350	HSA	
	2/24/04	Water Flush					25		
		Water Test							Not tested due to successful IRZ injection event.
IRZ C 12	8/14/03	Flow Test		10.0		20	104		
	2/24/04	Initial Molasses Injection	Yes	-11	5	4.4	1,351	HSA	
	2/24/04	Water Flush		32			25		
		Water Test							Not tested due to successful IRZ injection event.

Amendment Point ID	Date	Injection/Test Event	Well Siphoned?	Wellhead Pressure/Vacuum (psig / " Hg)	Manifold Pressure/Vacuum (psig / " Hg)	Average Flowrate (gpm)	Injected Volume (gal)	Amendment Point Installation Method	Comments
IRZ C 13	5/12/03	Flow Test		<2.0		10	90		
	2/24/04	Initial Molasses Injection	Yes	-4	12	5.1	901	HSA	
	2/24/04	Water Flush					25		
		Water Test							Not tested due to successful IRZ injection event.
IRZ C 14	5/12/03	Flow Test		<2.0		14	90		
	2/24/04	Initial Molasses Injection	Yes	-I	11	4.2	1,354	HSA	
	2/24/04	Water Flush					25		
		Water Test							Not tested due to successful IRZ injection event.
IRZ C 15	5/12/03	Flow Test		<2.0		16	96		
	2/24/04	Initial Molasses Injection	Yes	-5	6	3.8	1,204	HSA	
	2/24/04	Water Flush					25		
		Water Test		-5.0					Not tested due to successful IRZ injection event.
IRZ C 16	5/12/03	Flow Test		<2.0		17.5	80		
	2/24/04	Initial Molasses Injection	Yes	-6	9	4.3	1,380	HSA	
	2/24/04	Water Flush					25		
		Water Test							Not tested due to successful IRZ injection event.
IRZ C 17	8/14/03	Flow Test		6,0		22	150		
	2/24/04	Initial Molasses Injection	Yes	-30	12	7.3	1,359	HSA	
	2/24/04	Water Flush	1 00				2.5		
	2/2 // 0 1	Water Test					-		Not tested due to successful IRZ injection event.
IRZ C 18	5/12/03	Flow Test	 	<2.0		19	99		,
1102. C 16	2/24/04	Initial Molasses Injection	Yes	-2	17	4.7	1,253	HSA	
	2/24/04	Water Flush	1 03	-4	*/		25	11011	
	2/24/04	Water Test					20		Not tested due to successful IRZ injection event,
107 C 10	5/12/03	Flow Test		<2.0		19	103		The region due to discussing the injurious events
IRZ C 19			37	6	18	3.8	1,001	HSA	
	2/24/04	Initial Molasses Injection	Yes	0	10	3.6	25	Han	
	2/24/04	Water Flush					23		Not tested due to successful IRZ injection event.
		Water Test		The second secon					Well not tested to accommodate construction schedule.
IRZ C 20		Flow Test					1.061	HSA	Well not lested to accommodate construction schedule.
	2/24/04	Initial Molasses Injection	Yes	-6	11	4.4	1,351	HSA	
	2/24/04	Water Flush					25		Not tested due to successful IRZ injection event,
		Water Test	L						Not tested due to successful IRZ, injection event.
					VAULT 5 (31 ¹	Wells)			
AW 0 135	8/25/03	Flow Test		20.0		12	31		
		Initial Molasses Injection						CPT	
		Water Flush							
	6/30/04	Water Test	Yes		3" Hg	3.03	961		Well siphons to 28" Hg vacuum at test shutdown.
AW 0 136	8/25/03	Flow Test		20.0		0	6		Well was reinstalled but not retested to accommodate construction schedule.
TX 0 130	0/25/05	Initial Molasses Injection	-	20.0		<u> </u>	, J	CPT	7.78 (A. 1974) (
								CII	
	7/1/04	Water Flush	1 37		CH 177_	3.33	961		Well siphons to 28" Hg vacuum at test shutdown.
	7/1/04	Water Test	Yes	l	6" Hg	1 3.33	701	<u> </u>	Twen albuous to zo tig vacuum at lest shutdown.

Amendment Point ID	Date	Injection/Test Event	Well Siphoned?	Wellhead Pressure/Vacuum (psig / " Hg)	Manifold Pressure/Vacuum (psig / " Hg)	Average Flowrate (gpm)	Injected Volume (gal)	Amendment Point Installation Method	Comments
AW 0 137	8/25/03	Flow Test		18.0		11	31		
		Initial Molasses Injection						CPT	
		Water Flush							
	6/30/04	Water Test	Yes		8" Hg	3.62	962		Well siphons to 28" Hg vacuum at test shutdown.
AW 0 138	8/25/03	Flow Test		14.0		18	33		
		Initial Molasses Injection				7-12-12-12-12-12-12-12-12-12-12-12-12-12-		CPT	
		Water Flush							
	6/30/04	Water Test	Yes		9" Hg	3.59	962		Well siphons to 29" Hg vacuum at test shutdown.
AW 0 139	8/25/03	Flow Test		<2.0		24	78		The state of the s
		Initial Molasses Injection						HSA	
		Water Flush						-1.0.1	
									Low injection flow rate. Well siphons to 18" Hg vacuum at test
	7/1/04	Water Test	Minimal		0	1.84	962		shutdown.
AW 0 140	8/25/03	Flow Test		14.0		15	31		
		Initial Molasses Injection						CPT	
		Water Flush							
	7/1/04	Water Test	Minimal		2" Hg	2.40	961		Well siphons to 26" Hg vacuum at test shutdown.
AW 0 141	8/25/03	Flow Test		<2.0	3	24	78		23 oprions to 20 Hg (doddin at test shadowin
		Initial Molasses Injection		The second second				HSA	
		Water Flush							
100									Low injection flow rate. Well only siphons to 4" Hg vacuum at test
	7/1/04	Water Test	Minimal		0.5	1.26	962		shutdown.
AW 0 142	8/25/03	Flow Test		16.0		13	31		
		Initial Molasses Injection						CPT	
		Water Flush						UL I	
Ī	6/30/04	Water Test	Yes		7" Hg	3.72	962		Well siphons to 28" Hg vacuum at test shutdown.
AW 0 143	8/25/03	Flow Test		18.0		12	36		Well siphons to 20 Hg vacuum at lest shutdown.
		Initial Molasses Injection						CPT	
		Water Flush						0.1	
		Burger of the second se							Low injection flow rate. Well siphons to 28" Hg vacuum at test
	7/1/04	Water Test	Minimal		0.5	1.74	962		shutdown,
AW 0 144	8/25/03	Flow Test		10.0		16	31		
		Initial Molasses Injection						CPT	
Ţ		Water Flush						- U11	
İ	6/30/04	Water Test	Yes		16" Hg	4.38	962		Well siphons to 28" Hg vacuum at test shutdown.
AW 0 145	8/25/03	Flow Test		14.0	27.225	14	31		rest opposition 20 Fig. vacuum at tost situtuowii.
F		Initial Molasses Injection		2.00		- '	- 21	CPT	
ļ-		Water Flush						OI I	
F	7/1/04	Water Test	Yes		5" Hg	3.04	961		Well siphons to 28" Hg vacuum at test shutdown.

Amendment Point ID	Date	Injection/Test Event	Well Siphoned?	Wellhead Pressure/Vacuum (psig / " Hg)	Manifold Pressure/Vacuum (psig / " Hg)	Average Flowrate (gpm)	Injected Volume (gal)	Amendment Point Installation Method	Comments
AW 0 146	8/25/03	Flow Test		12.0	and the same and t	16	31	er i i i ve e erem e de	
		Initial Molasses Injection						CPT	
		Water Flush			-	H 11.1			
	6/28/04	Water Test	Yes	1 1	8" Hg	3.16	961		Well siphons to 28" Hg vacuum at test shutdown.
AW 0 147	5/12/03	Flow Test		2.0		9	26		
		Initial Molasses Injection						CPT	
		Water Flush							
	6/30/04	Water Test	Yes		l" Hg	2.61	961		Well siphons to 28" Hg vacuum at test shutdown.
AW 0 148	5/12/03	Flow Test		2.0		11	26		
		Initial Molasses Injection						CPT	
		Water Flush							
	6/30/04	Water Test	Yes		9" Hg	3.41	962		Well siphons to 28" Hg vacuum at test shutdown.
AW 0 149	5/12/03	Flow Test		2.0		10	25		
		Initial Molasses Injection						CPT	
		Water Flush							
1.0	6/30/04	Water Test	Yes		12" Hg	3.66	961		Well siphons to 28" Hg vacuum at test shutdown.
AW 0 150	8/25/03	Flow Test		12.0		15	30		
		Initial Molasses Injection						CPT	
		Water Flush							
	6/30/04	Water Test	Yes		2.5" Hg	2.93	963		Well siphons to 28" Hg vacuum at test shutdown.
AW 0 151	8/25/03	Flow Test		17.0		0	11		Well was retested 8/27/03.
		Initial Molasses Injection						CPT	
		Water Flush							
				,					Low injection flow rate. Well siphons to 21" Hg vacuum at test
	6/30/04	Water Test	Minimal		l" Hg	1.77	961		shutdown.
AW 0 152	8/25/03	Flow Test		18.0		13	31		
		Initial Molasses Injection						CPT	
		Water Flush				-			
	7/1/04	Water Test	Yes		7.5" Hg	3.53	961		Well siphons to 28" Hg vacuum at test shutdown.
AW 0 153	5/12/03	Flow Test		5.0		8	25		
		Initial Molasses Injection				<u> </u>		CPT	
		Water Flush							
	6/30/04	Water Test	Yes		1.5" Hg	2.73	961		Well siphons to 29" Hg vacuum at test shutdown.
AW 0 154	5/12/03	Flow Test		2.0		10	26		
		Initial Molasses Injection	1					CPT	
		Water Flush							
	6/30/04	Water Test	Yes		13" Hg	3.84	962		Well siphons to 28" Hg vacuum at test shutdown.
AW 0 155	5/12/03	Flow Test		2.0		10	27		
·		Initial Molasses Injection						CPT	
		Water Flush						ļ	
	6/30/04	Water Test	Yes		2" Hg	2.78	961	<u></u>	Well siphons to 27" Hg vacuum at test shutdown.

AW 0 158 8/25/03 6/30/04 AW 0 158 8/25/03 6/30/04 AW 0 159 8/25/03 7/1/04 AW 0 161 8/25/03 7/1/04 AW 0 162 8/25/03 7/1/04 AW 0 163 8/25/03		Well Siphoned?	Wellhead Pressure/Vacuum (psig/" Hg)	Manifold Pressure/Vacuum (psig / " Hg)	Average Flowrate (gpm)	Injected Volume (gal)	Point Installation Method	Comments
AW 0 157 8/25/03 6/30/04 AW 0 158 8/25/03 6/30/04 AW 0 159 8/25/03 7/1/04 AW 0 160 8/25/03 6/30/04 AW 0 161 8/25/03 7/1/04 AW 0 162 8/25/03 7/1/04 AW 0 163 8/25/03	Flow Test		<2.0		21	77		
AW 0 157 8/25/03 6/30/04 AW 0 158 8/25/03 6/30/04 AW 0 159 8/25/03 7/1/04 AW 0 160 8/25/03 7/11/04 AW 0 162 8/25/03 7/11/04 AW 0 163 8/25/03	Initial Molasses Injection						HSA	
AW 0 157 8/25/03 6/30/04 AW 0 158 8/25/03 6/30/04 AW 0 159 8/25/03 7/1/04 AW 0 160 8/25/03 7/11/04 AW 0 162 8/25/03 7/11/04 AW 0 163 8/25/03	Water Flush					100		
AW 0 157 8/25/03 6/30/04 AW 0 158 8/25/03 6/30/04 AW 0 159 8/25/03 7/1/04 AW 0 160 8/25/03 6/30/04 AW 0 161 8/25/03 7/1/04 AW 0 162 8/25/03 7/1/04 AW 0 163 8/25/03								Low injection flow rate. Well only siphons to 4" Hg vacuum at test
AW 0 158 8/25/03 6/30/04 AW 0 158 8/25/03 6/30/04 AW 0 160 8/25/03 7/1/04 AW 0 161 8/25/03 7/1/04 AW 0 162 8/25/03 7/1/04 AW 0 163 8/25/03	Water Test	Minimal		0.5	1.59	963		shutdown,
AW 0 158 8/25/03 6/30/04 AW 0 159 8/25/03 7/1/04 AW 0 161 8/25/03 7/1/04 AW 0 162 8/25/03 7/1/04 AW 0 163 8/25/03 6/30/04	Flow Test		16.0		11	30		
AW 0 158 8/25/03 6/30/04 AW 0 159 8/25/03 7/1/04 AW 0 161 8/25/03 7/1/04 AW 0 162 8/25/03 7/1/04 AW 0 163 8/25/03 6/30/04	Initial Molasses Injection						CPT	
AW 0 158 8/25/03 6/30/04 AW 0 159 8/25/03 7/1/04 AW 0 161 8/25/03 7/1/04 AW 0 162 8/25/03 7/1/04 AW 0 163 8/25/03 6/30/04	Water Flush							
AW 0 159 8/25/03 7/1/04 AW 0 160 8/25/03 6/30/04 AW 0 161 8/25/03 7/1/04 AW 0 162 8/25/03 7/1/04 AW 0 163 8/25/03	Water Test	Yes		10" Hg	3.61	961		Well siphons to 29" Hg vacuum at test shutdown.
AW 0 159 8/25/03 7/1/04 AW 0 160 8/25/03 6/30/04 AW 0 161 8/25/03 7/1/04 AW 0 162 8/25/03 7/1/04 AW 0 163 8/25/03	Flow Test		16.0		10	30		
AW 0 159 8/25/03 7/1/04 AW 0 160 8/25/03 6/30/04 AW 0 161 8/25/03 7/1/04 AW 0 162 8/25/03 7/1/04 AW 0 163 8/25/03	Initial Molasses Injection						CPT	
AW 0 159 8/25/03 7/1/04 AW 0 160 8/25/03 6/30/04 AW 0 161 8/25/03 7/1/04 AW 0 162 8/25/03 7/1/04 AW 0 163 8/25/03	Water Flush			2				
7/1/04 AW 0 160 8/25/03 6/30/04 AW 0 161 8/25/03 7/1/04 AW 0 162 8/25/03 7/1/04 AW 0 163 8/25/03 6/30/04	Water Test Flow Test	Yes		8" Hg	3.74	964		Well siphons to 28" Hg vacuum at test shutdown.
AW 0 160 8/25/03 6/30/04 AW 0 161 8/25/03 7/11/04 AW 0 162 8/25/03 7/11/04 AW 0 163 8/25/03 6/30/04	Initial Molasses Injection		14.0		12	31		
AW 0 160 8/25/03 6/30/04 AW 0 161 8/25/03 7/11/04 AW 0 162 8/25/03 7/11/04 AW 0 163 8/25/03 6/30/04							CPT	
AW 0 160 8/25/03 6/30/04 AW 0 161 8/25/03 7/11/04 AW 0 162 8/25/03 7/11/04 AW 0 163 8/25/03 6/30/04	Water Flush Water Test	37		00.55	2.22			
6/30/04 AW 0 161 8/25/03 7/1/04 AW 0 162 8/25/03 7/1/04 AW 0 163 8/25/03 6/30/04	Flow Test	Yes	100	9" Hg	3.81	961		Well siphons to 28" Hg vacuum at test shutdown.
AW 0 161 8/25/03 7/11/04 AW 0 162 8/25/03 7/11/04 AW 0 163 8/25/03 6/30/04	Initial Molasses Injection		10,0		16	51		
AW 0 161 8/25/03 7/1/04 AW 0 162 8/25/03 7/1/04 AW 0 163 8/25/03 6/30/04	Water Flush						CPT	
AW 0 161 8/25/03 7/1/04 AW 0 162 8/25/03 7/1/04 AW 0 163 8/25/03 6/30/04	Water Test	Yes		40.11	216	0.53		
7/1/04 AW 0 162 8/25/03 7/1/04 AW 0 163 8/25/03 6/30/04	Flow Test	res	6.0	4" Hg	3.16	961		Well siphons to 26" Hg vacuum at test shutdown.
AW 0 162 8/25/03 7/11/04 AW 0 163 8/25/03 6/30/04	Initial Molasses Injection		6.0		14	52		
AW 0 162 8/25/03 7/11/04 AW 0 163 8/25/03 6/30/04	Water Flush						CPT	
AW 0 162 8/25/03 7/11/04 AW 0 163 8/25/03 6/30/04	Water Test	Yes		6" Hg	2.26	0.50		50 / 15 1 2 1 1 1 1 1 1 1 1
7/1/04 AW 0 163 8/25/03 6/30/04	Flow Test	1 08	20.0	o ng	3.26	962 20		Well siphons to 27" Hg vacuum at test shutdown.
AW 0 163 8/25/03 6/30/04	Initial Molasses Injection		20.0		8	∠0	ODW	Well was retested 8/27/03.
AW 0 163 8/25/03 6/30/04	Water Flush						CPT	
AW 0 163 8/25/03 6/30/04	Water Test	Yes		9" Hg	3.88	0.00		TIT II C. Adver
6/30/04	Flow Test	103	15.0	2 DB	0.00	962 15		Well siphons to 28" Hg vacuum at test shutdown.
	Initial Molasses Injection		12.0		U	13	CPT	Well was retested 8/27/03.
	Water Flush						CFI	
	Water Test	Yes		7" Hg	3.67	962		W.H. 1 J. COULT.
5,2000	Flow Test	103	12.0	1 11R	14	29		Well siphons to 28" Hg vacuum at test shutdown, Well was retested 8/27/03.
	Initial Molasses Injection		12,0		177	2.7	CPT	WELL WAS TELESTED 8/2/703.
	Water Flush						CF I	
7/1/04	Water Test	Yes		9.5" Hg	3.81	962		Well/hose siphons to 29" Hg vacuum.
AW 0 165 8/25/03	Flow Test	103	16.0	7.3 Hg	12	27		Well was retested 8/27/03.
	Initial Molasses Injection		10,0		14	41	CPT	WELL WAS TELESTED 6/Z //U3.
	Water Flush						Ur I	
6/30/04	Water Test	Yes		3" Hg	3.04	961		Well siphons to 28" Hg vacuum at test shutdown.